



MODULAR MULTI CAT 1807

MMuC 1807

GENERAL

Basic functions

The Damen Modular Multi Cat (MMuC) 1807 is a multipurpose vessel for coastal, sheltered/inland water services, built in steel derived from standard design

Description

The entire hull of the Vessel consists of modules. These modules are called Damen Modular Barges and can be coupled together with a class approved coupling system, the Damen Link. Because of this modular system, the entire Vessel can be transported by ship, truck or train to her final place of destination and assembled locally.

Classification

Bureau Veritas Class I • Hull • Mach Special Service / Workboat / Coastal area AUT-UMS

DIMENSIONS (approx.)

Length overall	18.5 m
Length pontoon	17.0 m
Beam overall	7.7 m
Beam pontoon	7.3 m
Depth at sides	1.8 m
Draught (empty)	0.8 m

CAPACITIES (approx.)

Fuel	4.0 m ³
Fresh water	0.5 m ³
Sewage	1.0 m ³
Max. deck load	6.8 t

PERFORMANCES (approx.)

Speed	7 kn
Bollard pull	5 t

PROPULSION SYSTEM

Propulsion type	2 x diesel driven deck mounted hydraulically driven rudder propeller
Main engine	2x Volvo Penta D7CTA – 265hp
Total power	390 bkW
Steering capability	2x 65° fore and aft

PRIMARY SHIP SYSTEMS

Deckwash / fifi pump 2x (1 fixed/1 portable)

ELECTRICAL SYSTEM

Network 24 V / 230 V / 400 V
Main generator set 1x 25 kVA

DECK LAY-OUT

Heila Deck crane 1x HLRM 35-2S / 3.5 t-m
Hydraulic main winch 1x 4 t
Anchor 2x
Anchor winch 1x
Bollard (double) 4x
Bow roll 1x

LIFE SAVING EQUIPMENT

Life buoy 2x
Life jacket 4x
Fire extinguisher 7x
First-aid kit 1x
Life rafts (4 pax) 2x

SUPERSTRUCTURE

Accommodation 2 pax
Toilet 1x
Galley 1x
Wheelhouse Efficient layout, unobstructed view in all directions
Fan coil air-conditioning unit with heating unit inside 2x

NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation lights All relevant navigations lights are installed.
GMDSS A1 unit 1x
Search light 1x
Horn 1x
Radar 1x
GPS 1x
Compass 1x
Echosounder 1x
VHF 2x
Navtex 1x
Barometer 1x

DAMEN

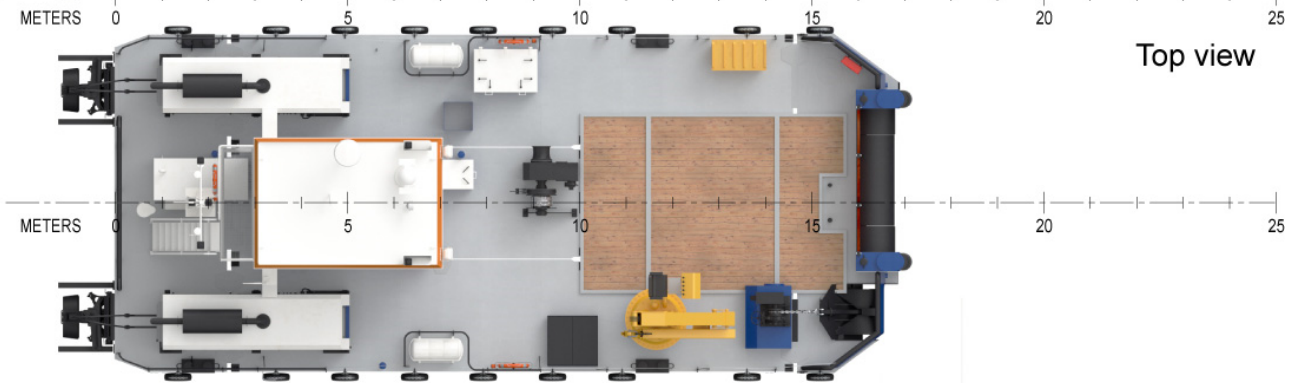
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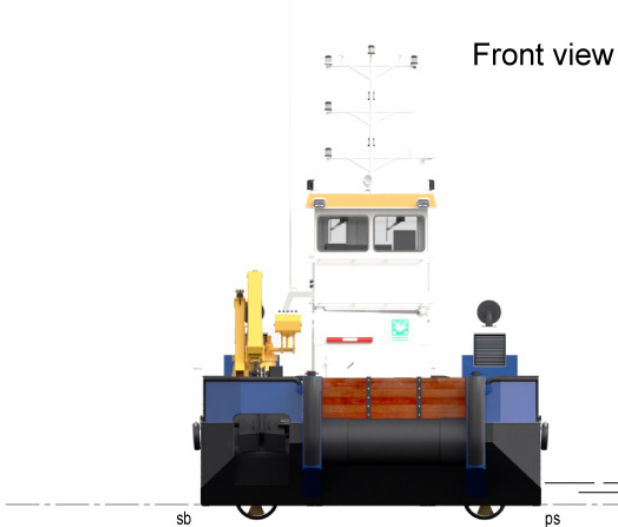
Side view



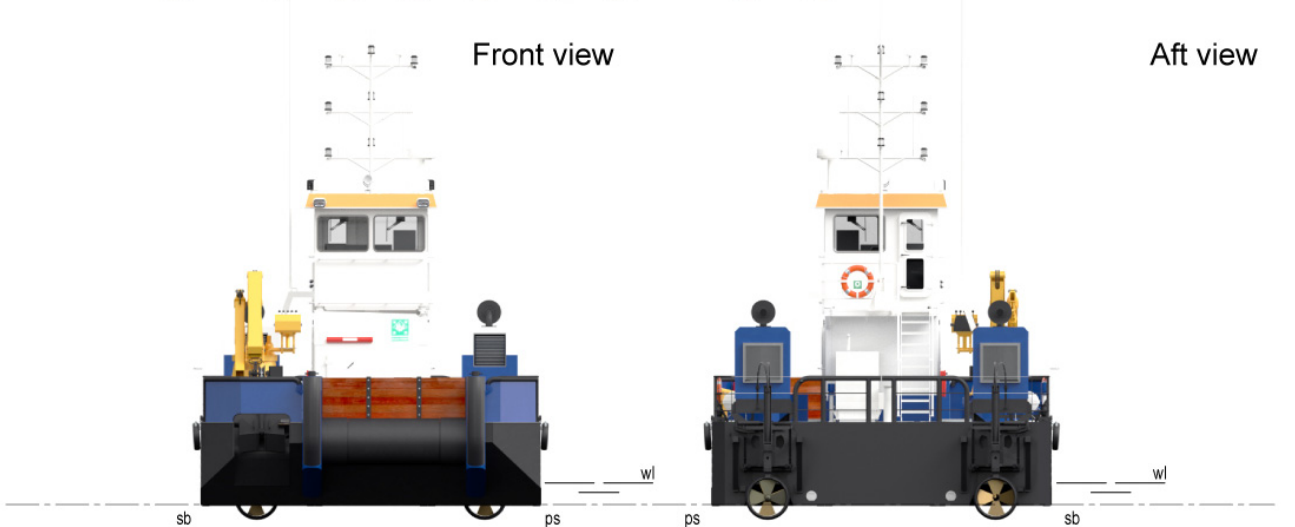
Top view



Front view



Aft view



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